AVATION

The Oldest American Aeronautical Magazine

OCTOBER 11, 1926

Issued Weekly

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VOLUME

SPECIAL FEATURES



A FLYING TOUR OF THE NEAR EAST—LESTER D. GARDNER EXPERIMENTAL DETERMINATION OF STRENGTH OF METAL WING

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HIGHLAND, N. Y.

225 FOURTH AVENUE, NEW YORK
Entered as Boomd-Class Musical Act of March 3, 1904 of the New Office, as Highland, N. Y.

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The Winning Engine

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AT THE NATIONAL AIR RACES The Boring FB-3 culeted by Lt. G. T. Cuddiby

Won the Free-las-All Parmit Ship Race Powered with a PACKARD Engine equipped with

The World Anache piloted by Lt. C. C. Champion was powered with a PRATT and WHITNEY "WASP"

equipped with American Built

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A PREDICTION REALIZED



The New Curtiss "FALCON"

DURING the past several months, the first group of Carties
"Falcares" to be delivered to the Amer have been undersciral service tests in the hands of Air Corps pilots. As was foreshadowed when the "Felcon" won first prize in the Observation Competition at McCook Pield, this new observation simbne has rapidly dannel facer with the flying personnel, who have found it much frater and more

Powered with either the Curtiss Don or the Liberty motor; excell ent from a maintenance standpoint; with a truly remarkable performance, the "Felcon" fulfills its advance indicators of being the finest observation type in service today - a worthy "big boother" to the Curtiss "Hank" the standard service restrict release of the 11 S. Services

managerable than the present service type.

FIRST . SECOND . FOURTH . FIFTH . in the Liberts Engine Builders' Race for observation airolanes at the Philodelphia Noticeal Air Proces

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OCTOBER H, 1926

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The End of a Great Flight

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October 11, 192



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Lights for St. Louis-Chicago Airpery well be during diskness and the materials of the receiving helps well be smedful to meet that need. Their present

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2 Dalum, Are Mundey, Meyer J. S. Beckman, Are Mainnde the sky weakle approximately fifty naive from our nirter, Many F. Eebog, Ar Mundey, Mr S E. Bollows, Air. 1918 design (versually weakles). Local power will be used. Wind Tunnel and Static Texts on Wine of Edo Metal Flying Boot. By ALEXANDER KLEMIN

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Brief Description of Plane

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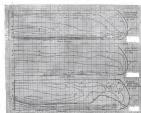
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Greater 11, 1906

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Meyrowitz Luxor Goggles are worn by America's best known pilots



"Carry" Jenses at the finish of the Free-fer-sill around a 12-crite course 5 kps, a total of race at the National Air Races, Sept. 4th, 90 crites, "Carry" Jenses is use of the best which he was with bit Certin "Critical" finish flavors aircract in the United States—a treatat an average eneed of 126.11 miles on hour American commercial pilet. He were the NUMBER 6 U. S. AIR SERVICE MODEL



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The Cole Sport Commercial Airplane

A New Two-Seater Commercial Plane with an OX-5 Engine. baruspews, which, for a stock commercial pick, has a notable This median has been spound the Colo Super Com-Building the need for a full consecrated place, our with a high scanning speed, yet low in midtel cost and meinfenence. can of the feeted new agriculture, stock commerced, OX-5 either coakert. The roles of both the personager' and priot's

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A long righter early brought down a governmer altitude.

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Navy Department, Workington, D. C.
CHARLES NORTH
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October 11, 1905

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WRIGHT WHIRLWIND ENGINES WON FIRST-SECOND-THIRD

In the Second Annual Airplane Reliability Tour August 7th - 21st

Covering 2560 miles over ten States, starting and finishing at Detroit, Mich.

First -"Travel Air," 4-seater, built by Travel Air Mfg. Co., Wichita, Kansas, carrying 600 lbs. contest load, average speed 124.5 m.p.h. Powered with one Wright Whirlwind engine. Second - "Airster," built by Buhl-Verville Aircraft Company, Detroit, Mich., carrying 800 lbs.

contest load, average speed 113.5 m.p.h. Powered with one WRIGHT WHIRLWIND engine. Third —"Detroiter" built by Stinson Aircraft Corp., Northville, Mich., carrying 640 lbs. contest load, average speed 106.7 m.p.h. Powered with one WRIGHT WHIRLWIND engine. Ryan M-1, built by Ryan Airlines, Inc., San Diego, Calif., carrying 500 lbs. contest load, average speed 111.8 m.p.h. Powered with one WRIGHT WHIRLWIND engine.

Ford 3-engine Airliner, built by the Airplane Division, Ford Motor Company, Dearborn, Mich. Powered with three Wright Whirlwind engines.

National Air Races - Philadelphia, Pa. September 4th - 11th

WRIGHT WHIRLWIND engines won twelve of the eighteen prizes they contested for.

Air Transport Race-First in Speed and Efficiency, "Wright-Bellanca", powered with Aut transport racce—trist in Speed and a Emelency, wright-feating—7, powered with more Wanter Whitemannia engine carrying [607] lbs. contest load, average speed [21.53] m.p.h. Second in Speed and Third in Efficiency, Buhl-Verwille 'Airster' powered with more Wanter Whitemannia engine, carrying [059] lbs. contest loads, speed [19.97] m.p.h. Third in Speed, Ford 3-engine Airliner, powered with three Wattern Whitemannia engines, carrying [506] lbs. contest load, speed [14.26] m.p.h.

Light Commercial Airplane Race—Trophy won by "Wright-Bellanca", powered with one Writert Winklums engine, carrying 1145 lbs. contest load, speed 121.36 m.p.h. Third in Speed and Efficiency, "Travel Air", powered with one Writert Winklumson engine, carrying 666 lbs. contest load, speed 127.2 m.p.h.

Denver Mile High Air Meet

August 1st - 3rd

First place in Speed Race for over 100 H.P. planes won by Ryan M-1 powered with one Wright Whirlwind engine.

First place in 5000 ft. altitude climb for over 100 H.P. planes won by Ryan M-1, powered with one WRIGHT WHIRLWIND engine.

First place—Best General Ship at Meet—won by Ryan M-1, powered with one Wright WHIRLWIND engine.

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